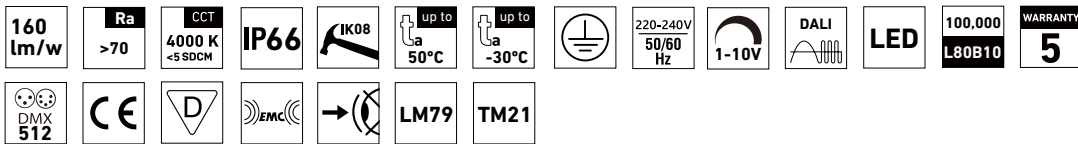


Kroos

General Characteristics

- Aluminium material whose capability of heat dissipation is superior.
- Symmetrical and asymmetrical optics for stadium, seaport, airport, train station.
- Tempered Glass cover.
- Ultra-high brightness Lighting Chips which could up to 160 lm/W.
- Tilt Angle bracket design, convenient terminal installation and debugging.
- LED modular engine and easy for replacement and maintenance.
- Weight control and make sure it is safe and pass 3G vibration.
- DALI/DMX control available.



Mechanical

Materials : ADC 12 structure
 Lens: PC
 Glass: Tempered glass
 Installation: Ground /Wall Mounted
 Color: Black
 Ingress protection: IP66
 Ingress protection: IK08
 Ambient temperature: $-30^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Electrical

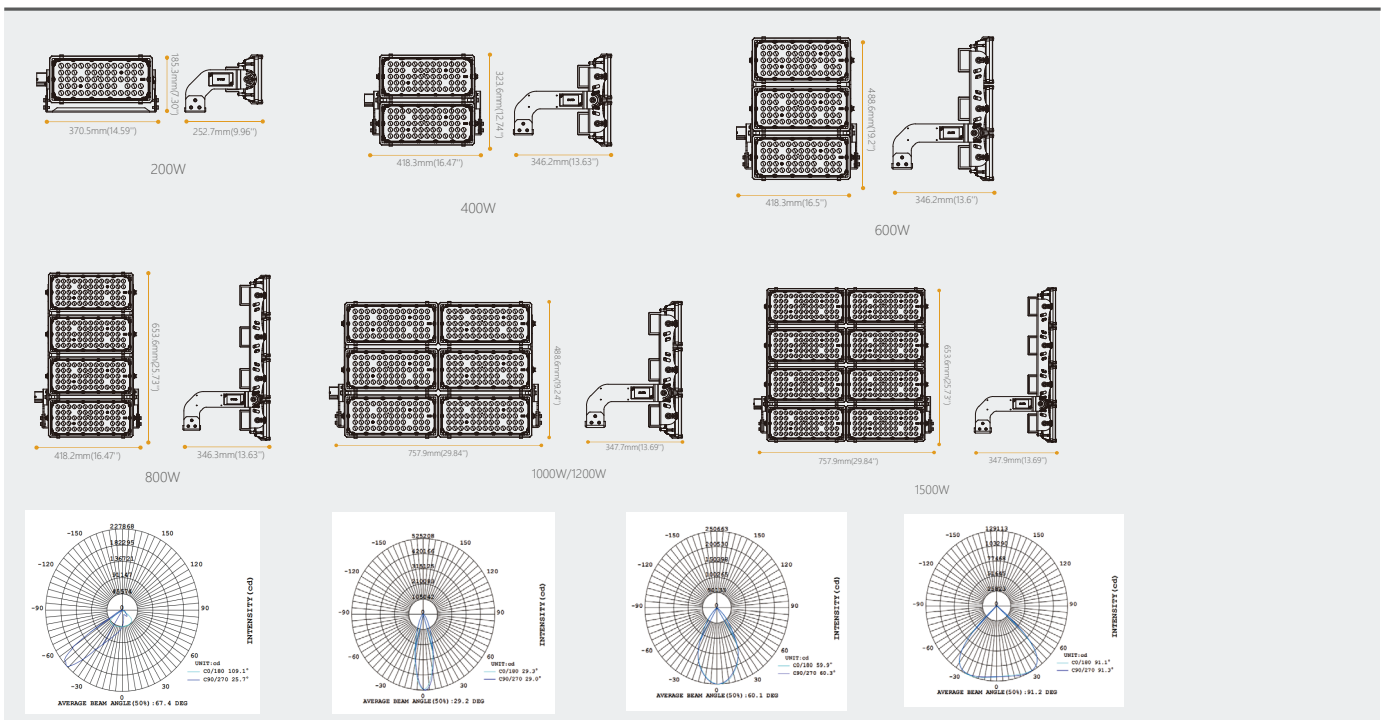
Input: 220-240VAC (50/60Hz)
 Power factor: >0.93
 THD: $\le 15\%$
 Safety class: Class I
 Surge protection: 10KV/20KV(optional)

Other control

Sensing: /
 Communication: 1-10V/DALI

Application

Sport fields, Industrial area, Airport, Harbor



Type	Power [W]	Total Flux [lm]	Efficacy [lm/w]	Beam angle [°]	Ta Max: [°C]	Size [mm]	Net weight [kg]
IL-SL13-N20040-P50	200	29000	145	P50 30X110°	50	370.5*252.7*185.3	3.65
IL-SL13-N20040-030	200	30000	150	30°	50		
IL-SL13-N20040-060	200	32000	160	60°	50		
IL-SL13-N20040-090	200	32000	160	90°	50	418.3*346.2*323.6	6.05
IL-SL13-N40040-P50	400	58000	145	P50 30X110°	50		
IL-SL13-N40040-030	400	60000	150	30°	50		
IL-SL13-N40040-060	400	64000	160	60°	50	418.3*346.2*488.6	9.25
IL-SL13-N40040-090	400	64000	160	90°	50		
IL-SL13-N60040-P50	600	87000	145	P50 30X110°	50		
IL-SL13-N60040-030	600	90000	150	30°	50	418.2*346.3*653.6	11.75
IL-SL13-N60040-060	600	96000	160	60°	50		
IL-SL13-N60040-090	600	96000	160	90°	50		
IL-SL13-N80040-P50	800	116000	145	P50 30X110°	50	418.2*346.3*653.6	11.75
IL-SL13-N80040-030	800	120000	150	30°	50		
IL-SL13-N80040-060	800	128000	160	60°	50		
IL-SL13-N80040-090	800	128000	160	90°	50	757.9*347.7*488.6	22.2
IL-SL13-N120040-P50	1200	174000	145	P50 30X110°	50		
IL-SL13-N120040-030	1200	180000	150	30°	50		
IL-SL13-N120040-060	1200	192000	160	60°	50	757.9*347.9*653.6	26.7
IL-SL13-N120040-090	1200	192000	160	90°	50		
IL-SL13-N150040-P50	1500	217500	145	P50 30X110°	50		
IL-SL13-N150040-030	1500	225000	150	30°	50	757.9*347.9*653.6	26.7
IL-SL13-N150040-060	1500	240000	160	60°	50		
IL-SL13-N150040-090	1500	240000	160	90°	50		